

Title (en)

Device and method for sealing a machine part relative to a second machine part

Title (de)

Vorrichtung und Verfahren zum Abdichten eines Maschinenteils gegenüber einem zweiten Maschinenteil

Title (fr)

Dispositif et procédé d'isolation étanche d'une pièce de machine par rapport à une deuxième pièce de machine

Publication

EP 2730821 B1 20170222 (DE)

Application

EP 13192044 A 20131108

Priority

DE 102012110752 A 20121109

Abstract (en)

[origin: EP2730821A1] The device (1) has a gasket (2), which is held on the primary machine component (10) and is sealed on the secondary machine component (12). A biasing element (3) is acted upon with a fluid for applying a bias on the sealing gasket. The bias is variably applied on the biasing element of the gasket. A controller (4) is provided for variable actuation of the biasing element provided with a fluid. The fluid acting upon the biasing element is substantially pressure switchable for cleaning and sterilization of the device. An independent claim is included for a method for sealing a primary machine component against a secondary machine component in a beverage filling system, particularly for sealing a shaft passage through a housing.

IPC 8 full level

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CPC (source: EP)

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Cited by

AT16131U1; US11858126B2

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